



PATENT
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Shane M. Tulloch; Timothy :
Valachovic; and William D. Rupp :

Serial No.: 09/753,328

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For: METHOD OF TRANSFORMATIONAL :
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DISCOUNTS :

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

POWER OF ATTORNEY BY ASSIGNEE

The undersigned Assignee of the entire interest in the above-identified application hereby grants power of attorney to the registered practitioner listed below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to:

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CERTIFICATE UNDER 37 C.F.R. § 3.73(b)

FreeMarkets, Inc., a United States corporation, certifies that it is:

1. ☒ an assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the application identified above by virtue of:

- A. An assignment from the inventor(s) of the application identified above. The assignment was recorded as follows:

FROM	TO	REEL/FRAME NO.
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OR

- B. A chain of title from the inventors, of the application identified above, to the current assignee as shown below:

1. From: Shane M. Tulloch; Timothy Valachovic; and William D. RUPP

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- ☒ Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the Assignee.

FreeMarkets, Inc.
FreeMarkets Center
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Dated: April 24, 2001

By: _____

David J. Becker
President